

ABSTRACT

The installing of components into an industrial computer observes a pulling paradigm in which a required resource list associated with each component is reviewed against resources in the target-industrial control device. Missing resources are obtained through a searching process that may include but is not limited to the media holding or associated with the installed component. This approach allows compatibility between different versions of the resources to be evaluated with the possibility of coexisting different version numbers being, or one version replacing the other for automatic upgrade. Collecting the resources in a available resource table allows more complete information to be provided to the user in the event the resource cannot be found and allows more complete removal of components by making an explicit attribution of ownership of each resource to one or more installed components.

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